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### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Patrick Fogle on 11-11-11.

The application has been amended as follows:

In the claims:

In claim 5, the term "[,]" in line 2 has been deleted.

In claim 10, the phrase "any one of claims 1, 8 or 9" in line 1 has been replaced with --any one of claims 1, 8 and 9--.

In claim 20, the phrase "any one of" in line 1 has been deleted.

In claim 21, the phrase "any one of claims 19 or 20" in line 1 has been replaced with --any one of claims 19 and 20--.

In claim 49, the term "[,]" in line 2 has been deleted.

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2. The following is an examiner's statement of reasons for allowance: The phrase "pluripotent stem cells" in the last line of claim 1 and line 11 of claim 45 is considered as the pluripotent stem cells defined by National Institutes of Health (NIH) where "pluripotent" is defined as "The state of a single cell that is capable of differentiating into all tissues of an organism, but not alone capable of sustaining full organismal development" and "stem cells" is defined as "Cells with the ability to divide for indefinite periods in culture and to give rise to specialized cells". It is noted that "pluripotent stem cells" are NOT "adult stem cells", which are multipotent stem cells rather than "pluripotent stem cells".

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shin-Lin Chen whose telephone number is (571) 272-0726. The examiner can normally be reached on Monday to Friday from 9:30 am to 6 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Paras can be reached on (571) 272-4517. The fax phone number for this group is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to (571) 272-0547.

Patent applicants with problems or questions regarding electronic images that can be viewed in the Patent Application Information Retrieval system (PAIR) can now contact the

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USPTO's Patent Electronic Business Center (Patent EBC) for assistance. Representatives are available to answer your questions daily from 6 am to midnight (EST). The toll free number is (866) 217-9197. When calling please have your application serial or patent number, the type of document you are having an image problem with, the number of pages and the specific nature of the problem. The Patent Electronic Business Center will notify applicants of the resolution of the problem within 5-7 business days. Applicants can also check PAIR to confirm that the problem has been corrected. The USPTO's Patent Electronic Business Center is a complete service center supporting all patent business on the Internet. The USPTO's PAIR system provides Internet-based access to patent application status and history information. It also enables applicants to view the scanned images of their own application file folder(s) as well as general patent information available to the public.

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Shin-Lin Chen  
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